

Amendments to the Abstract

Please amend the Abstract to read as follows.

Variable turbocharger apparatus comprising a housing, a compressor, a turbine, a ~~first inlet for enabling air to be conducted to the compressor, an outlet, a second inlet for enabling exhaust gases from the engine to be conducted to the turbine in order to rotate the turbine, a chamber which extends around the turbine, and a bearing assembly for the turbine, the variable turbocharger apparatus comprising vanes mounted in the chamber for accurately directing exhaust gases on to the turbine, a piston which is slidable and is positioned between the housing and the turbine, and a control device which is connected to the piston and which is for controlling the sliding movement of the piston, the a piston having an end which is nearest the bearing assembly defines defining a gap, the size of the gap being which is variable in size to control the amount of the exhaust gases that act acting on the turbine thereby accurately controlling the speed of rotation of the turbine, and the variable turbocharger apparatus having at least one bypass aperture which opens to allow exhaust gases that are not required for acting on the turbine to bypass the turbine, and the sliding of the piston being such that the piston is always maintained in a position which enables the turbine speed to be controlled through the gap alone when there is no bypass and through the gap and the bypass aperture when there is bypass.~~